

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/069731 A3

(51) International Patent Classification⁷: A61K 31/44,
31/47

(21) International Application Number:
PCT/IL2005/000078

(22) International Filing Date: 21 January 2005 (21.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
160022 22 January 2004 (22.01.2004) IL
161012 22 March 2004 (22.03.2004) IL
162591 17 June 2004 (17.06.2004) IL

(71) Applicant (for all designated States except US): M.D.Z.
INVESTMENTS LTD. [IL/IL]; 78 Hadassa Street, 84221
Beer Sheva (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DAYAN, Dan [IL/IL];
66 Ha'atzma'ut Street, 78441 Ashkelon (IL).

(74) Agents: LUZZATTO, Kfir et al.; P.O. Box 5352, 84152
Beer Sheva (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
15 September 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

WO 2005/069731 A3

(54) Title: METHOD FOR TREATING ORAL APHTHOUS STOMATITIS AND ORAL MUCOSITIS

(57) Abstract: The invention provides a composition comprising certain quinoline derivatives for ameliorating, treating, and pre-
venting aphthous stomatitis and oral mucositis. The composition, optionally containing also an antiseptic, efficiently alleviates
various oral conditions, such as aphthae, even at low concentrations of the active substance.